

Thu Sep 16 09:09:56 2004

us-10-081-775-2.rsp

Page 2

1 MSNTISQTMESPHNHTDLDPSIFFLGIPIQEBQFHNWLSPVCCUGTATIVGNITILVYVA 60
 61 TEPVFLHKPVYLFLCMSTIDLAASUTSPKLALIWFWGAGHISASACLAHMFFTHAFCM 120
 61 TEPTLHRPYZFLCMLSTIDLAASUTSPKLALIWFWGAGHISASACLAHMFFTHAFCM 120
 121 ESTVLLAMAFDRYTAICHPRLYATLTDIIAHIGVAAVRGSLLMPCPFIGRLNFQ 180
 121 ESTVLLAMAFDRYTAICHPRLYATLTDIIAHIGVAAVRGSLLMPCPFIGRLNFQ 180
 QY 181 SHVILHTYCEMAVVYKLACGDTTRPNRYGLTAAALLVIGVDLFCIGLSYALIAQAVRLSS 240
 181 SHVILHTYCEMAVVYKLACGDTTRPNRYGLTAAALLVIGVDLFCIGLSYALIAQAVRLSS 240
 241 HEARSKALGTGCSHVCVLILSYTALPESFTTHRGGHYPVHILLANVLLPPAINPV 300
 241 HEARSKALGTGCSHVCVLILSYTALPESFTTHRGGHYPVHILLANVLLPPAINPV 300
 QY 301 VYGVKTKOIRKRVYRVRFSQGQNGIKASE 329
 Db 301 VYGVKTKOIRKRVYRVRFSQGQNGIKASE 329
 QY 301 VYGVKTRIREYAKVFKQWQGQTRLKISK 329
 Db 301 VYGVKTRIREYAKVFKQWQGQTRLKISK 329

RESULT 2

Q7TRPB ID Q7TRPB PRELIMINARY; PRT; 321 AA.
 AC Q7TRPB; DT 01-OCT-2003 (TREMBLrel. 25, Created)
 DT 01-OCT-2003 (TREMBLrel. 25, Last sequence update)
 DE Olfactory receptor GA_x6K02T2PBj9-7245486-7246451.
 GN GA_x6K02T2PBj9-7245486-7246451.
 OS Mus musculus (Mouse)

OC Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
 OC Mammalia; Butheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.

RN [1] SEQUENCE FROM N.A.

RA Young J.M., Shykind B.M., Lane R.P., Tonnes-Priddy L., Ross J.A.,
 RA Walker M., Williams E.M., Lane R.P., Tonnes-Priddy L., Ross J.A.,
 RA Adams M.; RL Submitted (JUN-2003) to the EMBL/GenBank/DDBJ databases.
 RL Nat. Neurosci. 0:0-0(2002).
 RN [2] SEQUENCE FROM N.A.

RA Young J.M., Shykind B.M., Lane R.P., Tonnes-Priddy L., Ross J.A.,
 RA Walker M., Williams E.M., Lane R.P., Tonnes-Priddy L., Ross J.A.,
 RA Adams M.; RL Submitted (JUN-2003) to the EMBL/GenBank/DDBJ databases.
 RL Nat. Neurosci. 0:0-0(2002).
 RN [3] SEQUENCE FROM N.A.

RA Young J.M., Shykind B.M., Lane R.P., Tonnes-Priddy L., Ross J.A.,
 RA Walker M., Williams E.M., Lane R.P., Tonnes-Priddy L., Ross J.A.,
 RA Adams M.; RL Submitted (JUN-2003) to the EMBL/GenBank/DDBJ databases.
 RL Nat. Neurosci. 0:0-0(2002).
 RN [4] SEQUENCE FROM N.A.

RA Young J.M., Shykind B.M., Lane R.P., Tonnes-Priddy L., Ross J.A.,
 RA Walker M., Williams E.M., Lane R.P., Tonnes-Priddy L., Ross J.A.,
 RA Adams M.; RL Submitted (JUN-2003) to the EMBL/GenBank/DDBJ databases.
 RL Submitted (JUN-2003) to the EMBL/GenBank/DDBJ databases.
 RN [2] SEQUENCE FROM N.A.

RA Sanders K.; RL Submitted (JUN-2003) to the EMBL/GenBank/DDBJ databases.
 DR EMBL:AY073340; AU:610031; -.

DR EMBL:AY317664; AAP71042; -.

DR GO:GO:0004872; F:receptor activity; IFA.

DR GO:GO:001584; F:rhodopsin-like receptor activity; IFA.

DR GO:GO:007186; F:G-protein coupled receptor protein signalin. . ; IEA.

DR Inter-Pro:IPR000276; GPCR: Rhodopsin.

DR Pfam:PF00001; 7tm_1; 1.

DR PRINTS; PR00237; GPCR_RHODOPSN.

DR PROSITE; PS50262; G_PROTEIN_RECEP_F1_1; 1.

DR PROSITE; PS50262; G_PROTEIN_RECEP_F1_2; 1.

DR Receptor; SEQUENCE: 315 AA; 34242 MW; 0926C74DB9A4470C CRC64;

DR SEQUENCE: 315 AA; 34242 MW; 0926C74DB9A4470C CRC64;